

**STIC Biotechnology Systems Branch**

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/040,128A  
Source: IFW16  
Date Processed by STIC: 3/3/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.  
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:  
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE  
APPLICANT, WITH A NOTICE TO COMPLY or,  
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A  
NOTICE TO COMPLY  
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT  
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.  
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



IFW16

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/040,128A

DATE: 03/03/2005  
TIME: 11:31:17

Input Set : A:\SeqListing.txt  
Output Set: N:\CRF4\03032005\J040128A.raw

4 <110> APPLICANT: Liao, Fang  
5 Hicklin, Daniel  
6 Bohlen, Peter  
W--> 7 <120> TITLE OF INVENTION: Antibody Antagonists of VE-Cadherin Without Adverse Effects  
on  
W--> 8 Vascular Permeability  
W--> 9 <130> FILE REFERENCE: 11245/46902  
W--> 10 <140> CURRENT APPLICATION NUMBER: 10/040,128A  
11 <141> CURRENT FILING DATE: 2002-01-02  
12 <150> PRIOR APPLICATION NUMBER: 09/540,967  
13 <151> PRIOR FILING DATE: 2000-03-31  
W--> 14 <160> NUMBER OF SEQ ID: 16  
15 <170> SOFTWARE: WordPerfect 8.0 for Windows

## ERRORED SEQUENCES

90 <210> SEQ ID NO: 7  
91 <211> LENGTH: 15  
92 <212> TYPE: PRT  
93 <213> ORGANISM: Artificial Sequence  
W--> 94 <220> FEATURE:  
95 <223> OTHER INFORMATION: synthetic peptide  
97 <400> SEQUENCE: 7

99 Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro Phe Pro Gln Glu  
100 1 5 10 15 20  
101 Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu Ser Leu Arg Tyr Ser Val Thr Gly 1.822  
102 25 30 35 40  
103 Pro Gly Ala Asp Gln Pro Pro Thr Gly Ile Phe Ile Ile Asn Pro  
E--> 104 45 50 55

106 <210> SEQ ID NO: 8  
107 <211> LENGTH: 15  
108 <212> TYPE: PRT  
109 <213> ORGANISM: Artificial Sequence

W--> 110 <220> FEATURE:  
111 <223> OTHER INFORMATION: synthetic peptide  
113 <400> SEQUENCE: 8  
115 Asp Trp Val Ile Pro Pro Ile Ser Cys Pro Glu Asn Glu Lys Gly Glu Phe Pro Lys Asn  
116 1 5 10 15 20  
117 Leu Val Gln Ile Lys Ser Asn Arg Asp Lys Glu Thr Lys Val Phe Tyr Ser Ile Thr Gly  
118 25 30 35 40  
119 Gln Gly Ala Asp Lys Pro Pro Val Gly Val Phe Ile Ile Glu Arg  
E--> 120 45 50 55  
122 <210> SEQ ID NO: 9

pp 1-3,5  
Does Not Comply  
Corrected Diskette Needle.

Insert a hard return here.  
Per Sequence Rules, a MAX/MUM

✓ 16 amino acids per line

Sequence  
Rules)

16 per line

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/040,128A

DATE: 03/03/2005  
TIME: 11:31:17

Input Set : A:\SeqListing.txt  
Output Set: N:\CRF4\03032005\J040128A.raw

123 <211> LENGTH: 15 *50*  
 124 <212> TYPE: PRT  
 125 <213> ORGANISM: Artificial Sequence  
 W--> 126 <220> FEATURE:  
 127 <223> OTHER INFORMATION: synthetic peptide  
 129 <400> SEQUENCE: 9  
 131 Asp Trp Ile Trp Asn Gln Met His Ile Asp Glu Glu Lys Asn Thr Glu Ser Pro His His  
 132 1 5 10 15 20  
 133 Val Gly Lys Ile Lys Ser Ser Val Ser Arg Lys Asn Ala Lys Tyr Leu Leu Lys Gly Glu  
 134 25 30 35 40  
 135 Tyr Val Gly Lys Val Glu Arg Val Asp Ala  
 E--> 136 45 50

138 <210> SEQ ID NO: 10  
 139 <211> LENGTH: 15 *49*  
 140 <212> TYPE: PRT  
 141 <213> ORGANISM: Artificial Sequence  
 W--> 142 <220> FEATURE:  
 143 <223> OTHER INFORMATION: synthetic peptide  
 145 <400> SEQUENCE: 10  
 147 Asp Trp Ile Trp Asn Gln Met His Ile Asp Glu Glu Lys Asn Glu Ser Leu Pro His Tyr  
 148 1 5 10 15 20  
 149 Val Lys Asp Gln Ser Asn Val Asn Arg Gln Asn Ala Lys Tyr Val Leu Gln Gly Glu Phe  
 150 25 30 35 40  
 151 Ala Gly Lys Ile Phe Gly Val Asp Ala  
 E--> 152 45

154 <210> SEQ ID NO: 11  
 155 <211> LENGTH: 15 *56*  
 156 <212> TYPE: PRT  
 157 <213> ORGANISM: Artificial Sequence  
 W--> 158 <220> FEATURE:  
 159 <223> OTHER INFORMATION: synthetic peptide  
 161 <400> SEQUENCE: 11 *invalid*  
 E--> 163 Ile Ser Gly Gln Leu Ser Val *The* Lys Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His  
 164 1 5 10 15 20  
 165 Leu Arg Ala His Ala Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val  
 166 25 30 35 40  
 167 Ile Asn Val Ile Asp Met Asn Asp Met Asn Asp Asn Arg Pro Glu Phe  
 E--> 168 45 50 55

171 <210> SEQ ID NO: 12  
 172 <211> LENGTH: 15 *53*  
 173 <212> TYPE: PRT  
 174 <213> ORGANISM: Artificial Sequence  
 W--> 175 <220> FEATURE:  
 176 <223> OTHER INFORMATION: synthetic peptide  
 178 <400> SEQUENCE: 12  
 180 Glu Thr Gly Trp Leu Lys Val Thr Gln Pro Leu Asp Arg Glu Ala Ile Ala Lys Tyr Ile  
 181 1 5 10 15 20  
 182 Leu Tyr Ser His Ala Val Ser Ser Asn Gly Glu Ala Val Glu Asp Pro Met Glu Ile Val  
 183 25 30 35 40

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Input Set : A:\SeqListing.txt  
Output Set: N:\CRF4\03032005\J040128A.raw

184 Ile Thr Val Thr Asp Gln Asn Asp Asn Arg Pro Glu Phe  
E--> 185 45 50  
187 <210> SEQ ID NO: 13  
188 <211> LENGTH: 15 54  
189 <212> TYPE: PRT  
190 <213> ORGANISM: Artificial Sequence 16  
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192 <223> OTHER INFORMATION: synthetic peptide  
194 <400> SEQUENCE: 13  
196 Glu Thr Gly Asp Val Phe Ala Ile Glu Arg Leu Asp Arg Glu Asn Ile Ser Glu Tyr His  
197 1 5 10 15 20  
198 Leu Thr Ala Val Ile Val Asp Lys Asp Thr Gly Glu Asn Leu Glu Thr Pro Ser Ser Phe  
199 25 30 35 40  
200 Thr Ile Lys Val His Asp Val Asn Asp Asn Trp Pro Val Glu  
E--> 201 45 50  
203 <210> SEQ ID NO: 14  
204 <211> LENGTH: 15 54  
205 <212> TYPE: PRT  
206 <213> ORGANISM: Artificial Sequence 16  
W--> 207 <220> FEATURE:  
208 <223> OTHER INFORMATION: synthetic peptide  
210 <400> SEQUENCE: 14  
212 Asn Thr Gly Asn Val Leu Ala Tyr Glu Arg Leu Asp Arg Glu Lys Val Ser Glu Tyr Phe  
213 1 5 10 15 20  
214 Leu Thr Ala Leu Ile Val Asp Lys Asn Thr Asn Lys Asn Leu Glu Gln Pro Ser Ser Phe  
215 25 30 35 40  
216 Thr Val Lys Val His Asp Ile Asn Asp Asn Trp Pro Val Phe  
E--> 217 45 50  
219 <210> SEQ ID NO: 15  
220 <211> LENGTH: 15 50  
221 <212> TYPE: PRT  
222 <213> ORGANISM: Artificial Sequence 16  
W--> 223 <220> FEATURE:  
224 <223> OTHER INFORMATION: synthetic peptide  
226 <400> SEQUENCE: 15  
228 Asp Trp Ile Trp Asn Gln Met His Ile Asp Glu Glu Lys Asn Glu Ser Leu Pro His Tyr  
229 1 5 10 15 20  
230 Val Lys Asp Gln Ser Asn Val Asn Arg Gln Asn Ala Lys Tyr Val Leu Gln Gly Glu Phe  
231 25 30 35 40  
232 Ala Gly Lys Ile Phe Gly Val Asp Ala Asn  
E--> 233 45 50  
235 <210> SEQ ID NO: 16  
236 <211> LENGTH: 15 53  
237 <212> TYPE: PRT  
238 <213> ORGANISM: Artificial Sequence 16  
W--> 239 <220> FEATURE:  
240 <223> OTHER INFORMATION: synthetic peptide  
242 <400> SEQUENCE: 16  
244 Thr Gly Asn Val Leu Ala Tyr Glu Arg Leu Asp Arg Glu Lys Val Ser Glu Tyr Phe Leu

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Input Set : A:\SeqListing.txt

Output Set: N:\CRF4\03032005\J040128A.raw

245	1	5	10	15	20
246	Thr Ala Leu Ile Val Asp Lys Asn Thr Asn Lys Asn Leu Glu Gln Pro Ser Ser Phe Thr				
247		25	30	35	40
248	Val Lys Val His Asp Ile Asn Asp Asn Trp Pro Val Phe				
E--> 249		45	50		

FYI  
RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/040,128A

DATE: 03/03/2005  
TIME: 11:31:18

Input Set : A:\SeqListing.txt  
Output Set: N:\CRF4\03032005\J040128A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:7; Line(s) 99,100,101,102  
Seq#:8; Line(s) 115,116,117,118  
Seq#:9; Line(s) 131,132,133,134  
Seq#:10; Line(s) 147,148,149,150  
Seq#:11; Line(s) 163,164,165,166  
Seq#:12; Line(s) 180,181,182,183  
Seq#:13; Line(s) 196,197,198,199  
Seq#:14; Line(s) 212,213,214,215  
Seq#:15; Line(s) 228,229,230,231  
Seq#:16; Line(s) 244,245,246,247

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/040,128A

DATE: 03/03/2005

TIME: 11:31:18

Input Set : A:\SeqListing.txt

Output Set: N:\CRF4\03032005\J040128A.raw

L:7 M:283 W: Missing Blank Line separator, <120> field identifier  
L:9 M:283 W: Missing Blank Line separator, <130> field identifier  
L:10 M:283 W: Missing Blank Line separator, <140> field identifier  
L:14 M:283 W: Missing Blank Line separator, <160> field identifier  
L:21 M:283 W: Missing Blank Line separator, <220> field identifier  
L:33 M:283 W: Missing Blank Line separator, <220> field identifier  
L:45 M:283 W: Missing Blank Line separator, <220> field identifier  
L:57 M:283 W: Missing Blank Line separator, <220> field identifier  
L:69 M:283 W: Missing Blank Line separator, <220> field identifier  
L:82 M:283 W: Missing Blank Line separator, <220> field identifier  
L:94 M:283 W: Missing Blank Line separator, <220> field identifier  
L:104 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:55 SEQ:7  
L:110 M:283 W: Missing Blank Line separator, <220> field identifier  
L:120 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:55 SEQ:8  
L:126 M:283 W: Missing Blank Line separator, <220> field identifier  
L:136 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:50 SEQ:9  
L:142 M:283 W: Missing Blank Line separator, <220> field identifier  
L:152 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:49 SEQ:10  
L:158 M:283 W: Missing Blank Line separator, <220> field identifier  
L:163 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1  
L:168 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:56 SEQ:11  
L:175 M:283 W: Missing Blank Line separator, <220> field identifier  
L:185 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:53 SEQ:12  
L:191 M:283 W: Missing Blank Line separator, <220> field identifier  
L:201 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:54 SEQ:13  
L:207 M:283 W: Missing Blank Line separator, <220> field identifier  
L:217 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:54 SEQ:14  
L:223 M:283 W: Missing Blank Line separator, <220> field identifier  
L:233 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:50 SEQ:15  
L:239 M:283 W: Missing Blank Line separator, <220> field identifier  
L:249 M:252 E: No. of Seq. differs, <211> LENGTH:Input:15 Found:53 SEQ:16